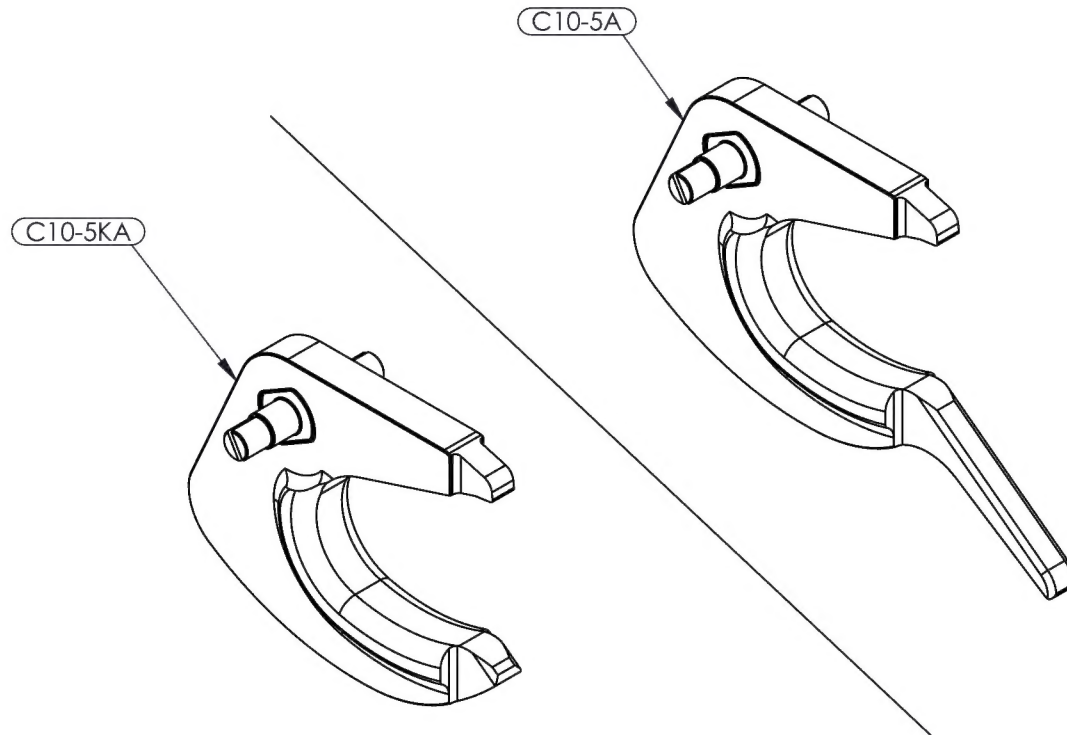


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
D		AS DRAWN BY APICAL.	5/7/2013	CFS	
1		C10-6 CH'D TOLERANCE WAS 1.500 +.000 -.002 IS Ø1.50.	10/9/2013	CFS	GE
2	14-0114	CH'D TITLEBLOCK WAS RED BARN IS DART. C10-5 ADDED MACHINE ENGRAVE NOTE. C10-6 ADDED BAG & LABEL NOTE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/8/2014	DPD	RW
3	15-0176	UPDATED TO NEW DRAFTING STANDARDS. C10-5A ADDED DIMS 1.52, {.010}. C10-5 ADDED DIM 4X R.13. ADDED DXF NOTE. C10-5K & C10-5KA ADDED DWG. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	7/17/2015	DPD	JAG



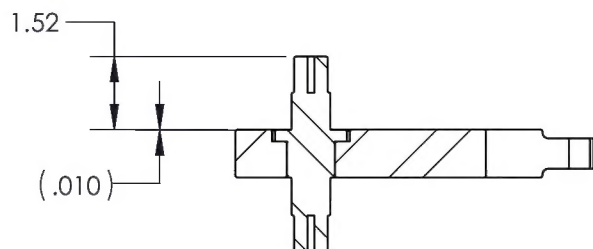
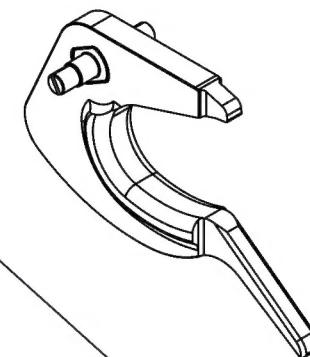
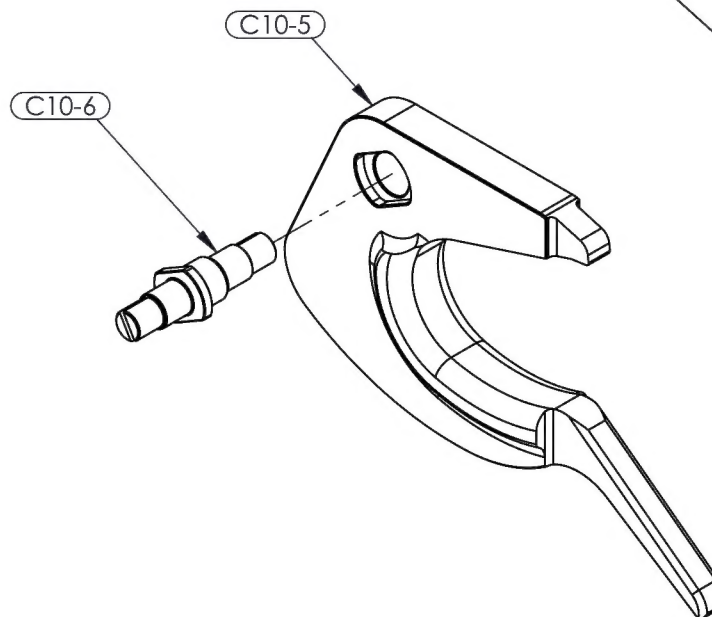
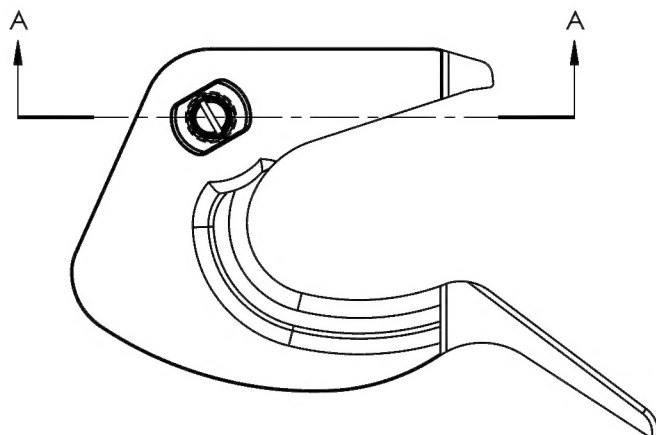
CONTROLLED COPY

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		C10-5A	1	LOAD BEAM ASSEMBLY			2
	1		C10-5		LOAD BEAM	4140/4142		4
X			C10-5KA	1	KEEPERLESS LOAD BEAM ASSEMBLY			3
1			C10-5K		KEEPERLESS LOAD BEAM	4140/4142		5
1	1		C10-6		TRUNNION	4140/4142		6
ASSY C10-5KA	ASSY C10-5A							

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: DUERFELDT APPROVED <i>J Gilbert</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	
SCALE 1:4	DATE 7/17/2015
SHEET 1 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0176	C10-5A ADDED DIMS 1.52, (.010).	7/17/2015	DPD	JAG



SECTION A-A

CONTROLLED COPY

(C10-5A)

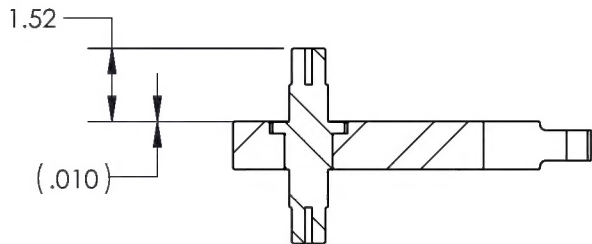
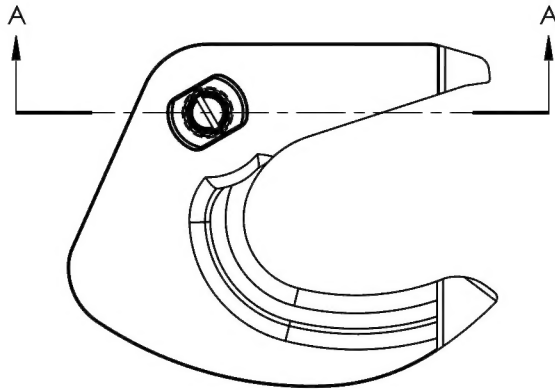
LOAD BEAM ASSEMBLY

NOTE:
1. NICKEL PLATE .0009 - .0011, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: CANAM APPROVED <i>D Weil</i> HEAT TREAT FINISH SEE NOTE 1 SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 11/25/2009
SHEET 2 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0176	C10-5KA ADDED DWG.	7/17/2015	DPD	JAG

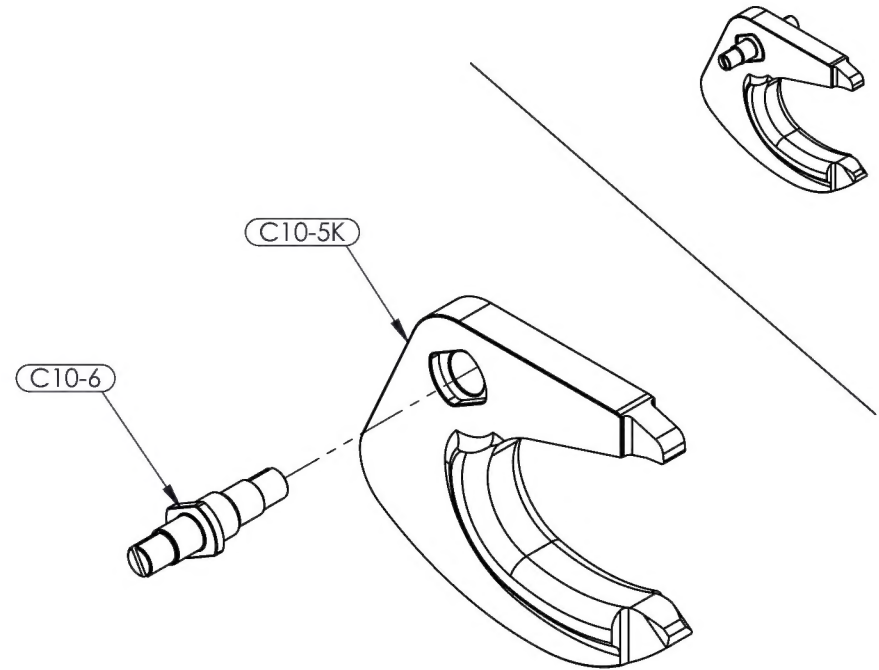


SECTION A-A

CONTROLLED COPY

C10-5KA

KEEPERLESS LOAD BEAM ASSEMBLY

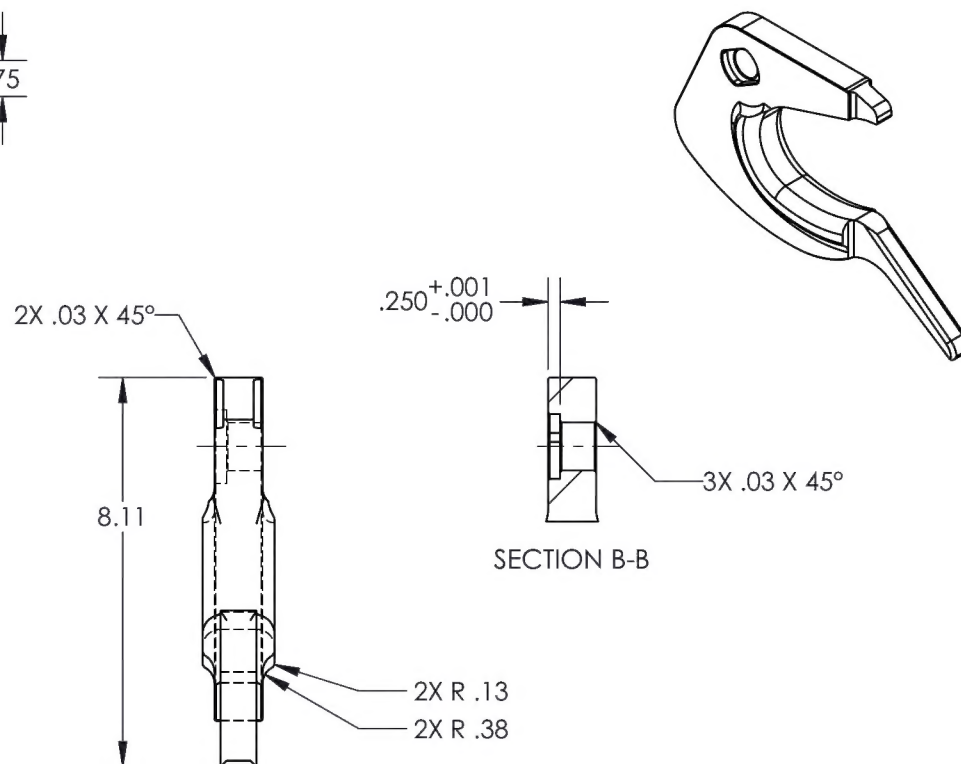
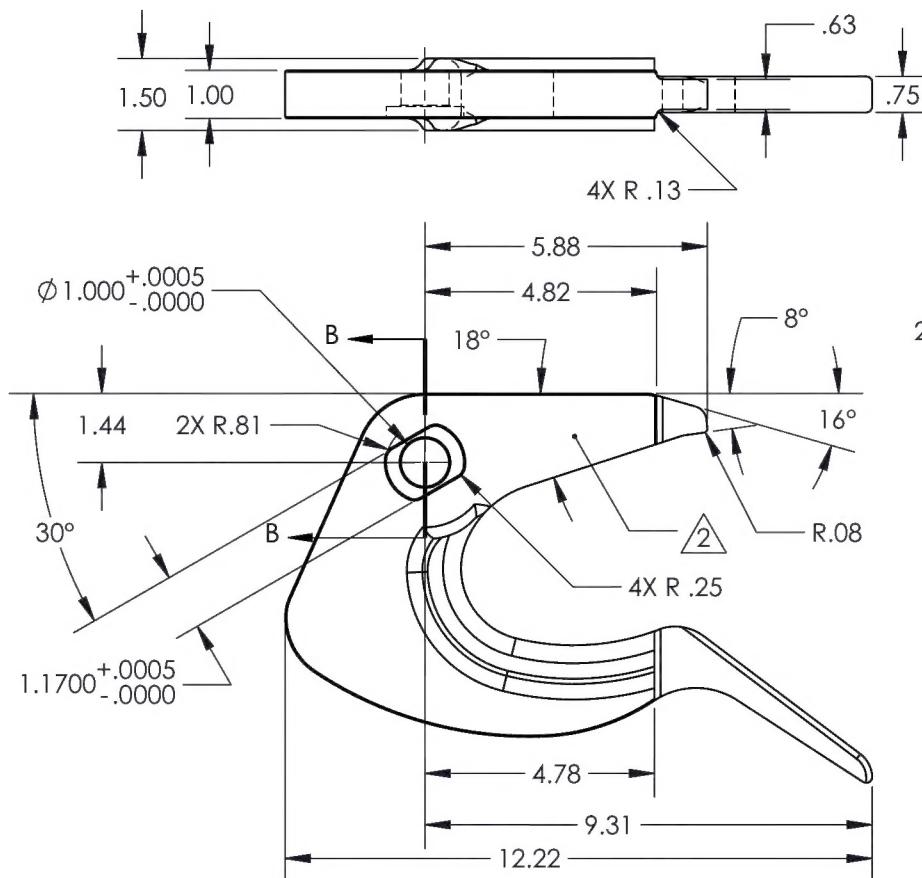


NOTE:
1. NICKEL PLATE .0009 - .0011, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5KA	REV 3
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: DUERFELDT APPROVED <i>J Gilbert</i> HEAT TREAT FINISH SEE NOTE 1 SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 7/17/2015
SHEET 3 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
D		AS DRAWN BY APICAL.	5/6/2013	CFS	
2	14-0114	C10-5 ADDED MACHINE ENGRAVE NOTE.	8/8/2014	DPD	RW
3	15-0176	C10-5 ADDED DIM 4X R.13. ADDED DXF NOTE.	7/17/2015	DPD	JAG



NOTES:

1. NICKEL PLATE APPLIED AT ASSEMBLY C10-5A.
2. MACHINE ENGRAVE BATCH NUMBER.
3. USE DXF PROFILE FOR PART CONTOURS.

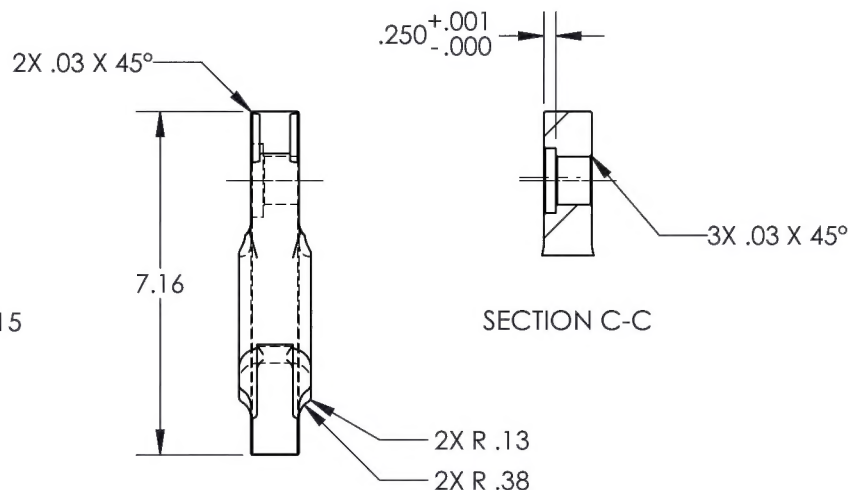
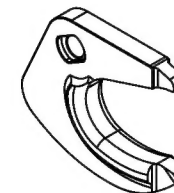
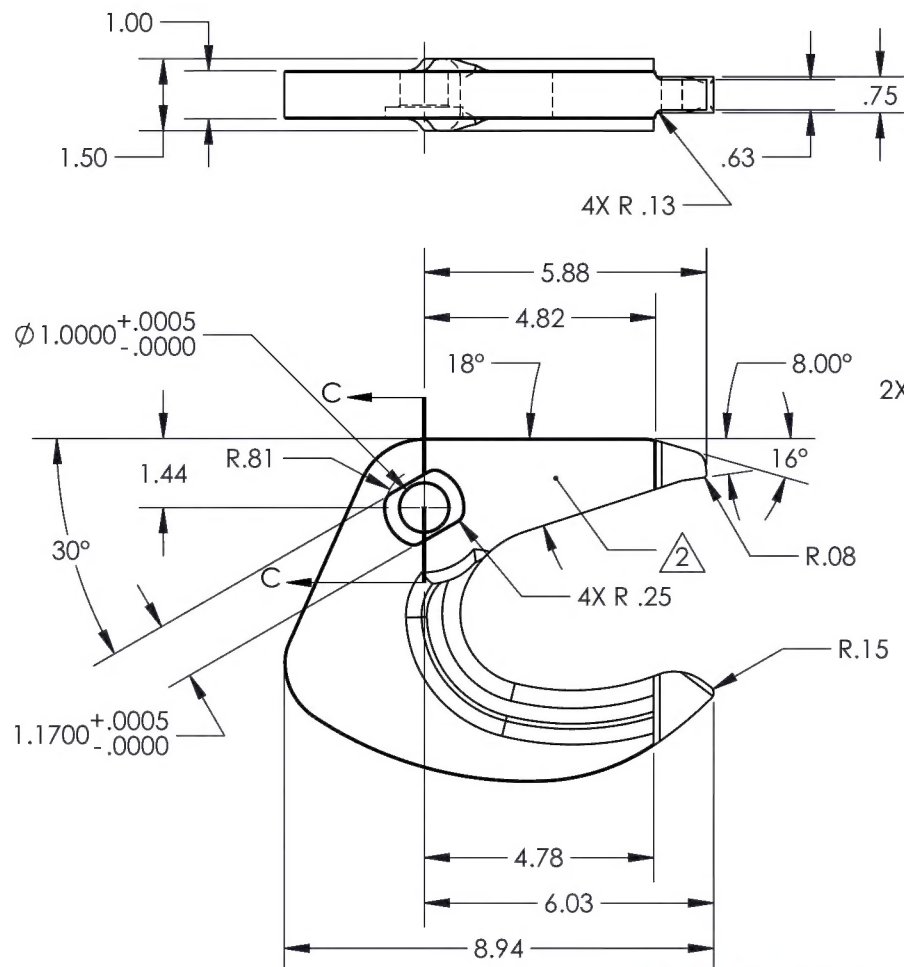
CONTROLLED COPY

(C10-5)
LOAD BEAM

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L 4140/4142	DRAWN BY: APICAL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT 53-56 HRC
.XX ± .01 ANGLES ± .5°	FINISH SEE SHEET 2 NOTE 1
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 5/12/2006
SHEET 4 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0176	C10-5K ADDED DWG.	7/17/2015	DPD	JAG



SECTION C-C

NOTES:

1. NICKEL PLATE APPLIED AT ASSEMBLY C10-5KA.
2. MACHINE ENGRAVE BATCH NUMBER.
3. USE DXF PROFILE FOR PART CONTOURS.

CONTROLLED COPY

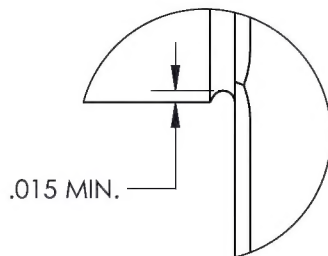
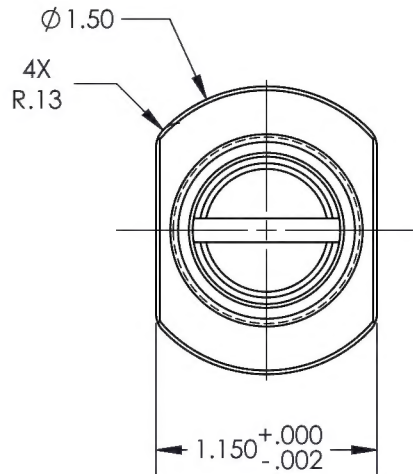
(C10-5K)

KEEPERLESS LOAD BEAM

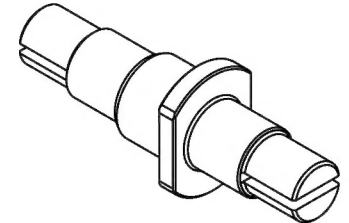
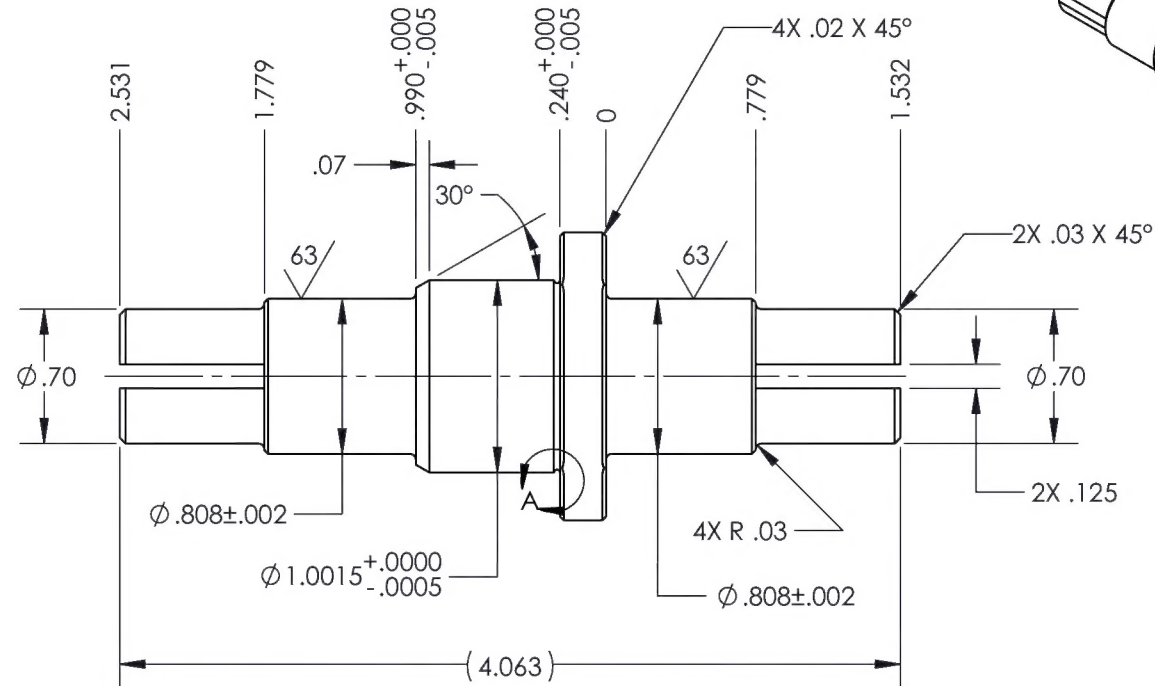
DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L 4140/4142	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J. Gilbert</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT 53-56 HRC
.XX ± .01 ANGLES ± 5°	FINISH SEE SHEET 3 NOTE 1
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 7/17/2015
SHEET 5 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
D		AS DRAWN BY APICAL.	5/1/2013	CFS	
1		C10-6 CH'D TOLERANCE WAS 1.500+.000-.002 IS Ø1.50.	10/9/2013	CFS	GE
2	14-0114	C10-6 ADDED BAG & LABEL NOTE.	8/8/2014	DPD	RW



DETAIL A
SCALE 4 : 1



CONTROLLED COPY

(C10-6)

TRUNNION

- NOTES:
1. NICKEL PLATE APPLIED AT ASSEMBLIES C10-5A & C10-5KA.
 2. BAG & LABEL WITH BATCH NUMBER.

DART AEROSPACE	
TITLE LOAD BEAM ASSEMBLIES	
DWG NO. C10-5A/C10-5KA	REV 3
MAT'L 4140/4142	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT HRC 44-46
.XX ± .01 ANGLES ± 5°	FINISH SEE SHEETS 2 & 3 NOTE 1
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 5/22/2002
SHEET 6 OF 6	